



Indiana Department of Environmental
Management
Office of Water Quality
Wetlands Section

Publication Date:
September 2, 2015

IDEM ID Number:
2015-096-04-SKG-V

Closing Date:
September 22, 2015

PUBLIC NOTICE

Corps of Engineers ID Number:

To all interested parties:

This letter shall serve as a formal notice of the receipt of an application for **Section 401 Water Quality Certification** by the Indiana Department of Environmental Management (IDEM). The purpose of the notice is to inform the public of active applications submitted for water quality certification under Section 401 of the Clean Water Act (33 U.S.C. § 1341) and to solicit comments and information on any impacts to water quality related to the proposed project. IDEM will evaluate whether the project complies with Indiana's water quality standards as set forth at 327 IAC 2.

1. Applicant: Mr. Howard Sturgeon
2351 East SR 352
Oxford, Indiana 47971

2. Agent: Mrs. Sarah Wright
Christopher B. Burke Engineering, LLC
115 West Washington Street Suite 1368 S
Indianapolis, IN 46204

3. Project location: The project is located at 2351 East State Road 352, Oxford, Benton County.
Section 13, Township 24 N, Range 8 West, Oxford USGS Quad, near Town of Oxford, Benton County.

4. Affected waterbody: Unnamed tributary of Brown Ditch and emergent wetland

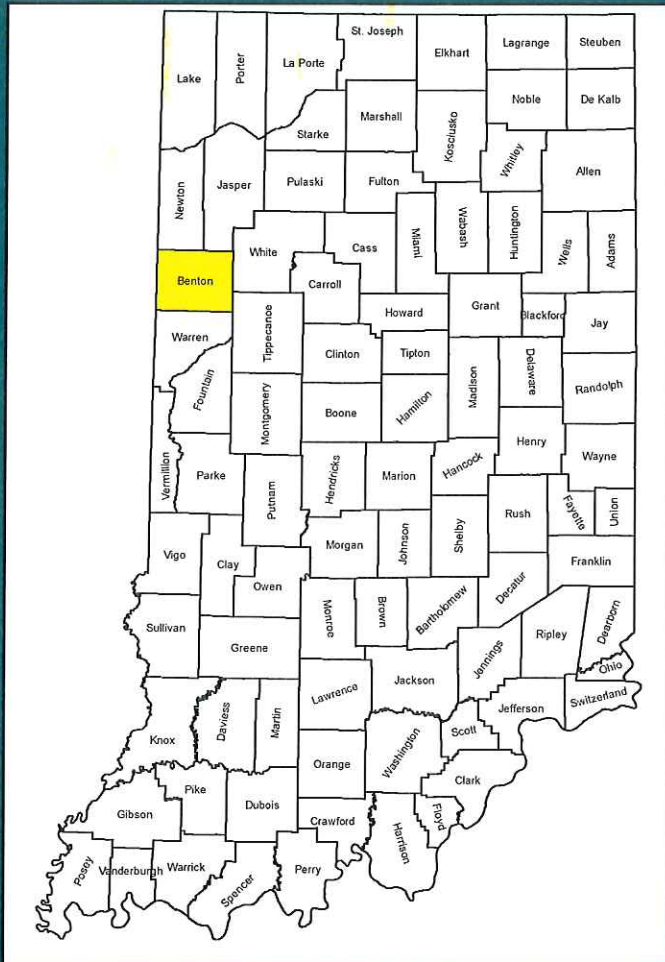
5. Project Description: The applicant is requesting after-the-fact authorization for relocating 1563 linear feet of a tributary of Brown Ditch. The applicant has relocated 2083 linear feet of stream and filled and graded 0.86 acre emergent wetland. The applicant proposes to restore 520 linear feet of stream and 0.86 acre emergent wetland. Restoration includes returning the stream to the original contour and plant with native vegetation. Please visit the following link for additional information: <http://www.in.gov/idem/5474.htm>

Comment period: Any person or entity who wishes to submit comments or information relevant to the aforementioned project may do so by the closing date noted above. Only comments or information related to water quality or potential impacts of the project on water quality can be considered by IDEM in the water quality certification review process.

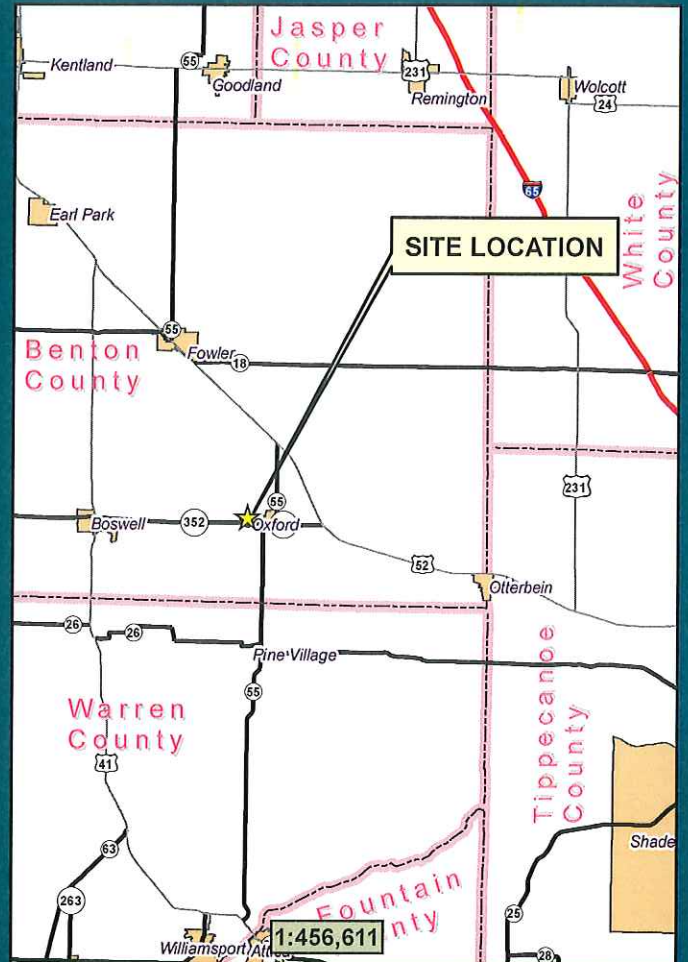
Public Hearing: Any person may submit a written request that a public hearing be held to consider issues related to water quality in connection with the project detailed in this notice. The request for a hearing should be submitted within the comment period to be considered timely. The request should also state the reason for the public hearing as specifically as possible to assist IDEM in determining whether a public hearing is warranted.

Questions? Additional information may be obtained from Ms. Samantha Groce, Project Manager, at 317-234-6223. Please address all correspondence to the project manager and reference the IDEM project identification number listed on this notice. Indicate if you wish to receive a copy of IDEM's final decision. Written comments and inquiries may be forwarded to -

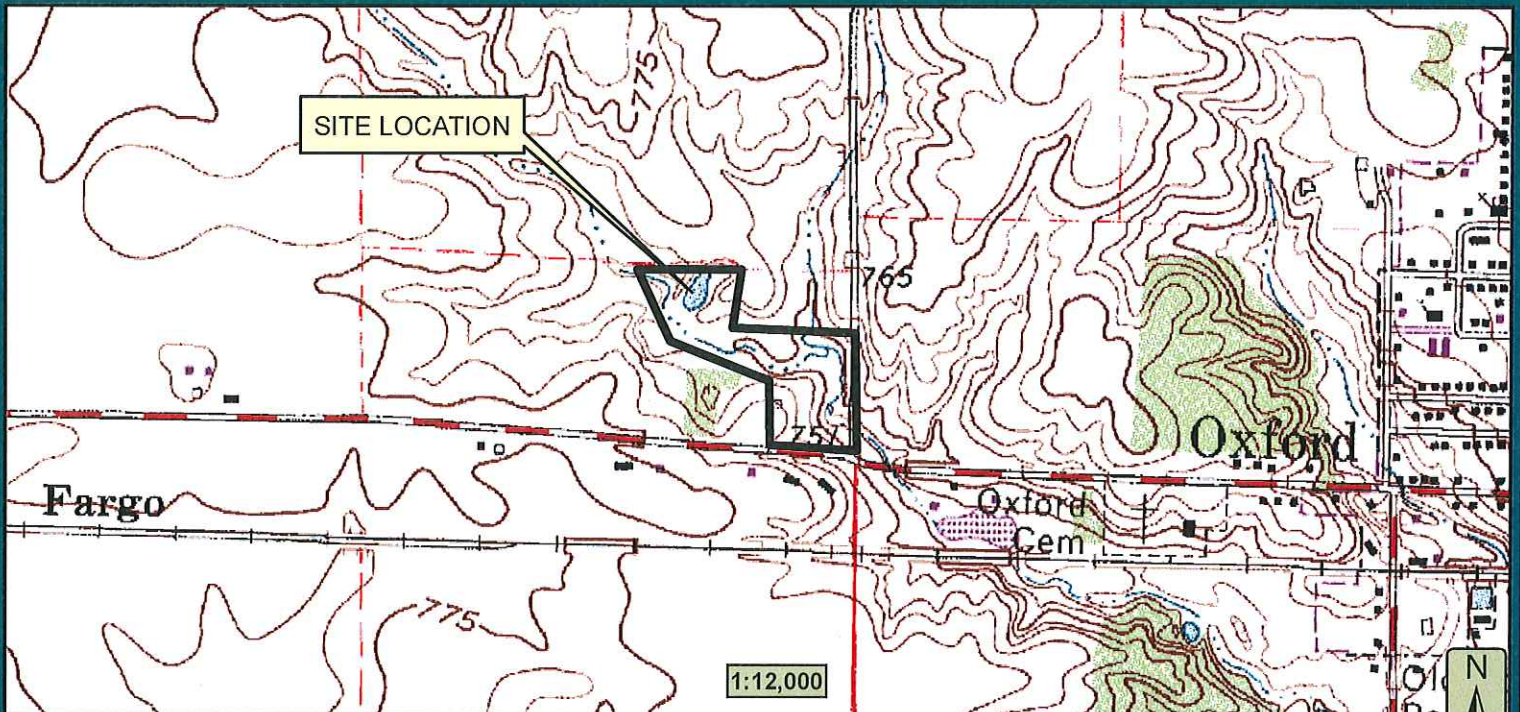
Indiana Department of Environmental Management
100 North Senate Avenue
MC65-42 WQS IGCN 1255
Indianapolis, Indiana 46204-2251
FAX: 317/232-8406




STATE MAP

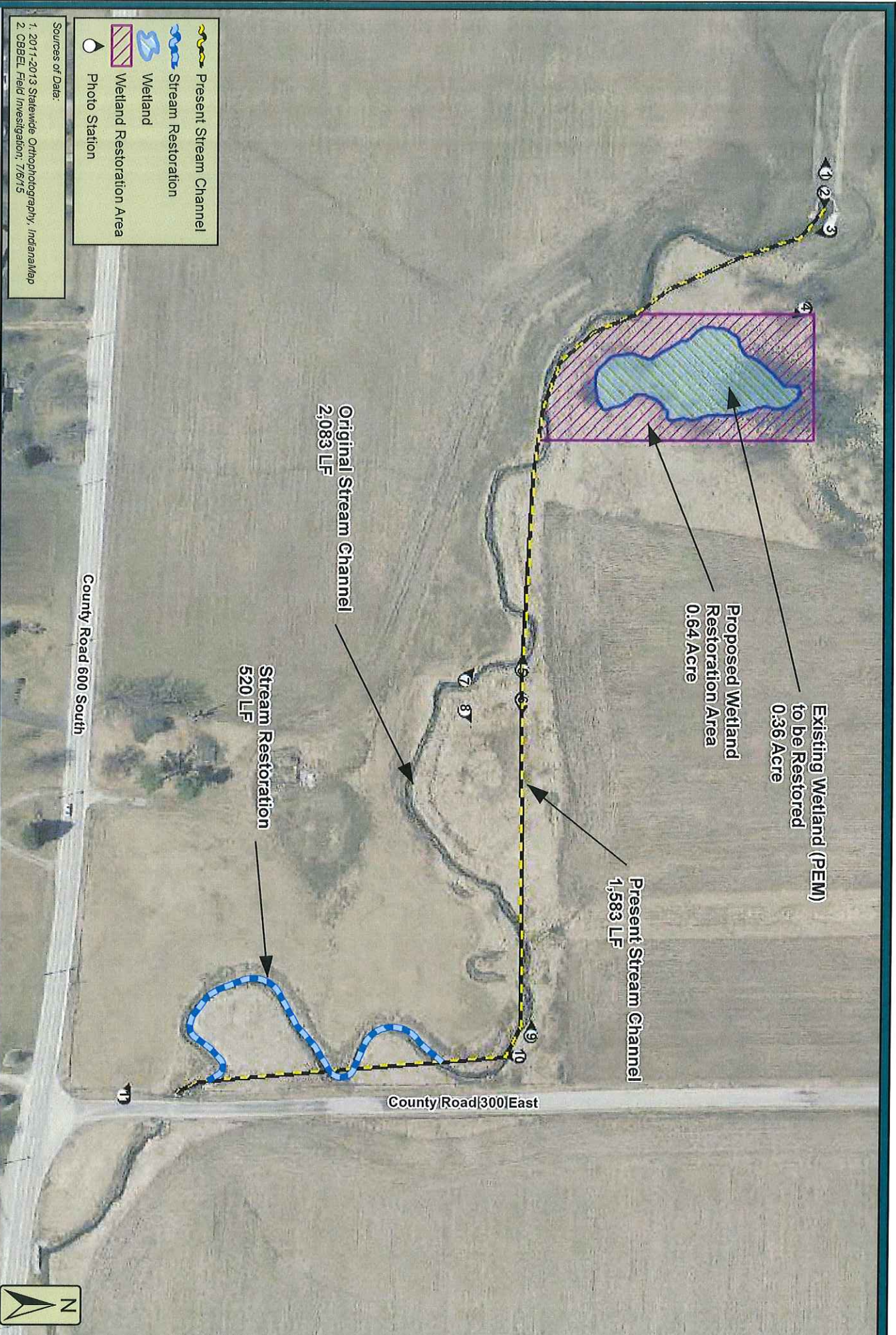


VICINITY MAP



AREA MAP

 Christopher B. Burke Engineering, LLC PNC Center, Suite 1368 South 115 West Washington Street Indianapolis, Indiana 46204 (t) 317.266.8000 (f) 317.632.3306	PROJECT:	PROJECT NO.	APPROX. SCALE
		Sturgeon Property	15-0289
	TITLE:	SITE LOCATION	as shown
			DATE: 08/2015
			EXHIBIT 1



Sources of Data:
1. 2011-2013 Statewide Orthophotography, IndianaMap
2. CBREL Field Investigation, 7/6/15

Present Stream Channel
Stream Restoration
Wetland
Wetland Restoration Area
Photo Station

CB
Christopher B. Burke Engineering, LLC
PNC Center, Suite 1368 South
115 West Washington Street
Indianapolis, Indiana 46204
(t) 317.266.8000 (f) 317.632.3306

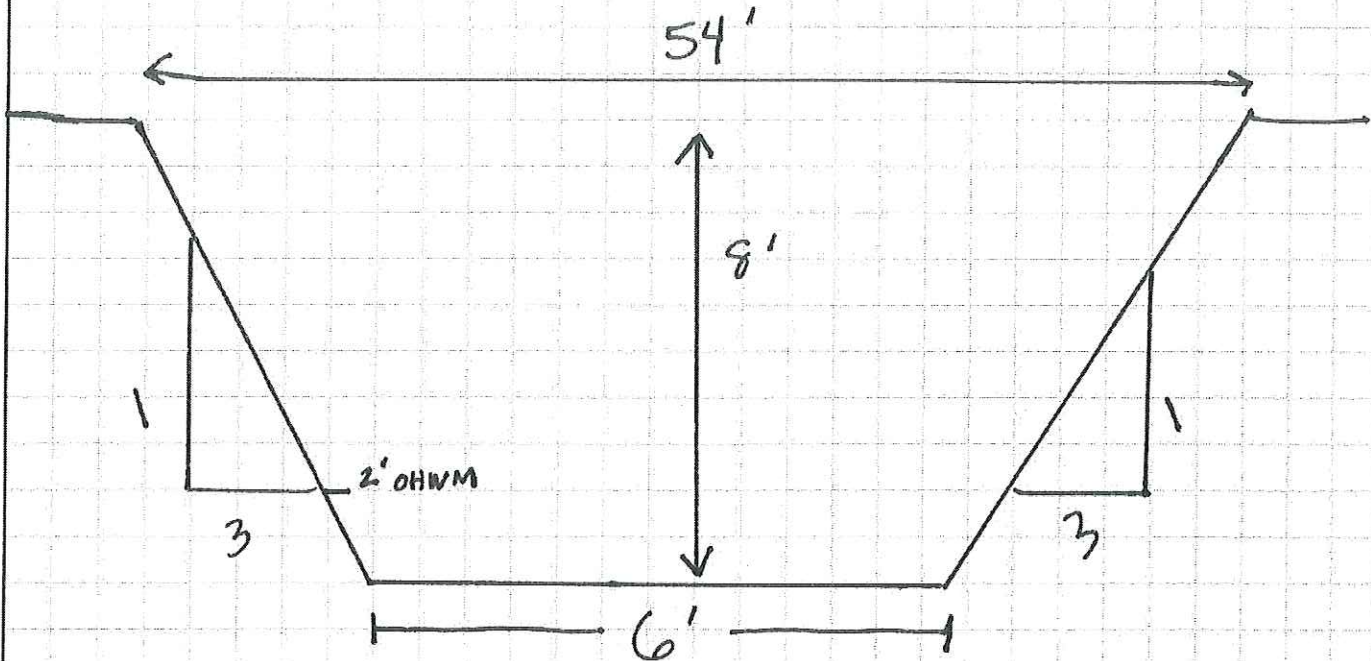
PROJECT: Sturgeon Property Violation		PROJECT NO. 15-0289	APPROX. SCALE 1" = 150'
TITLE: Conceptual Mitigation Plan		DATE: 07/2015	
			EXHIBIT 1



CHRISTOPHER B. BURKE
ENGINEERING, LTD.

JOB Sturgeon Property Restoration
SHEET NO. 1 OF 1
CALCULATED BY SEW DATE 9/1/15
CHECKED BY DWE DATE 9/1/15
SCALE N/A

Proposed Typical X-Section for Stream Restoration



*The proposed typical cross-section is based upon the existing cross sections upstream and downstream of the proposed restoration reach.

Soil Stabilization Mix

Grasses and Sedges

- 32 *Andropogon gerardii* (Big Bluestem)
 - 16 *Bouteloua curtipendula* (Side-Oats Grama)
 - 2 *Carex bicknellii* (Prairie Oval Sedge)
 - 48 *Elymus canadensis* (Canada Wild Rye)
 - 32 *Elymus virginicus* (Virginia Wild Rye)
 - 14 *Panicum virgatum* (Switchgrass)
 - 32 *Schizachyrium scoparium* (Little Bluestem)
 - 32 *Sorghastrum nutans* (Indian Grass)
- 208

Cover Crop

- 800 *Avena sativa* (Seed Oats)
 - 160 *Lolium multiflorum* (Annual Ryegrass)
- 960

Early Successional Wetland Mix

oz/acre **Grasses and Sedges**

- 4 *Carex frankii* (Frank's Sedge)
 - 1 *Carex hystericina* (Porcupine Sedge)
 - 1 *Carex granularis* (Meadow Sedge)
 - 4 *Carex vulpinoidea* (Fox Sedge)
 - 10 *Elymus riparius* (Riverbank Wild Rye)
 - 64 *Elymus virginicus* (Virginia Wild Rye)
 - 2 *Glyceria striata* (Fowl Manna Grass)
 - 2 *Leersia oryzoides* (Rice Cut Grass)
 - 2 *Panicum virgatum* (Switchgrass)
 - 2 *Scirpus atrovirens* (Dark Green Bulrush)
 - 4 *Spartina pectinata* (Prairie Cordgrass)
- 96

Forbs

- 1 *Alisma subcordatum* (Water Plantain)
- 2 *Asclepias incarnata* (Swamp Milkweed)
- 1 *Aster firmus* (Shining Aster)
- 1 *Aster simplex* (Panicked Aster)
- 1 *Boltonia latisquama* (False Aster)
- 2 *Cassia hebecarpa* (Wild Senna)
- 2 *Eupatorium maculatum* (Spotted Joe-Pye Weed)
- 1 *Eupatorium perfoliatum* (Boneset)
- 1 *Helenium autumnale* (Autumn Sneezeweed)
- 1 *Lycopus americanus* (Water Horehound)
- 1 *Mimulus ringens* (Monkeyflower)
- 1 *Penstemon digitalis* (Foxglove Penstemon)
- 3 *Silphium perfoliatum* (Cupplant)
- 1 *Solidago gigantea* (Late Goldenrod)
- 1 *Solidago riddellii* (Riddell's Goldenrod)
- 2 *Verbena hastata* (Blue Vervain)
- 2 *Vernonia fasciculata* (Smooth Ironweed)